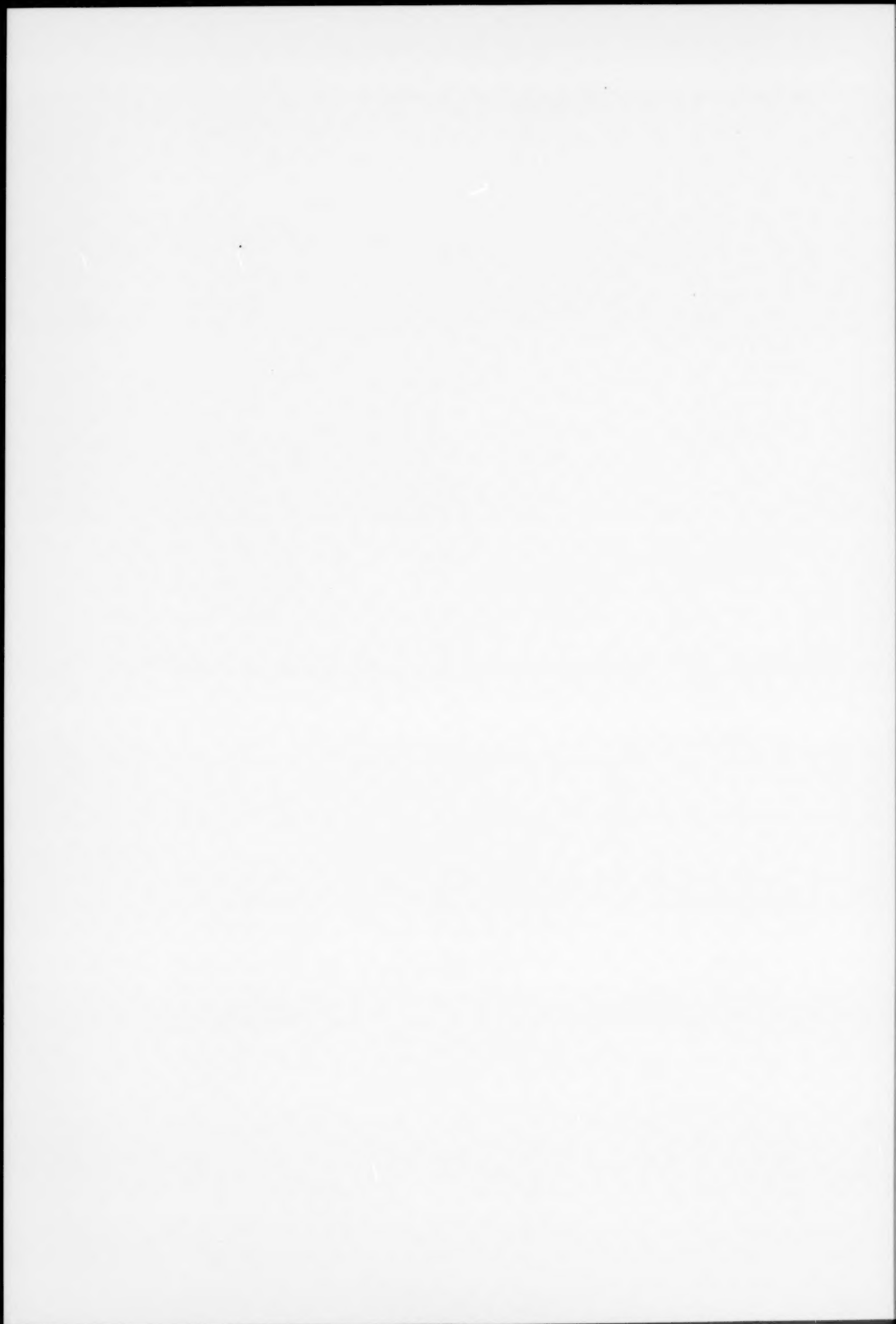


AUTHOR INDEX

- ANTONAKIS, K., 57
- BAKTHAVACHALAM, V., 124
- BERNABE, M., 100
- BOGUSIAK, J., 235
- CANO, F. H., 100
- CHERIAN, X. M., 124
- CHÛJÔ, R., 229
- CLAESSON, A., 167
- CRUZADO, M. C., 249
- CSÖREGH, I., 167
- CZARNIK, A. W., 124
- DEBONGNIE, P., 137
- DEULOFEU, V., 71
- DUTTON, G. G. S., 193
- FILIPPI, J., 57
- FOCES-FOCES, C., 100
- GALAN, E. R., 240
- GLENNIE, C. W., 263
- HALMOS, T., 57
- HILL, R. D., 215
- HORI, H., 106
- INOUE, Y., 229
- IWATA, S., 269
- IZUMI, K., 19
- JIMENEZ-BARBERO, J., 100
- JOHNSON, E. A., 151
- KANAI, K., 47
- KENNE, L., 167
- KIM, H.-O., 215
- KIYOHARA, H., 181
- LEE, C.-K., 255
- LEE, Y. C., 27
- LIN, L.-G., 124
- LINDBERG, B., 207
- LINDQUIST, U., 207
- LUTHMAN, K., 167
- MARTINEZ, M. B., 240
- MARTIN-LOMAS, M., 100, 249
- MCDONALD, A. M. L., 263
- MEGURO, H., 106
- MESTDAGH, M., 137
- MONTSERRET, R., 57
- MULLOY, B., 151
- NARUI, T., 269
- NISHIDA, Y., 106
- NISHIGAKI, J., 47
- OGAWA, S., 47, 116
- OHRUI, H., 106
- ONDA, M., 229
- OTSUKA, Y., 181
- PAROLIS, H., 193
- PAROLIS, L. A. S., 193
- PEREZ, J. A. G., 240
- RAHMAN, M. D., 112
- RICHARDS, G. N., 112
- RINAUDO, M., 137
- SALINAS, A. E., 71
- SZEJA, W., 235
- SHIBATA, S., 269
- SHIBATA, Y., 116
- SPROVIERO, J. F., 71
- STARK, J. R., 263
- STENBERG, O., 207
- SUAMI, T., 47
- SZILÁGYI, L., 1
- TAKAHASHI, K., 269
- TAKAHASHI, Y., 229
- TAKI, T., 47
- TOWNSEND, R. R., 27
- VENTULA, A. C., 240
- WONG, T. C., 27
- YAMADA, H., 181
- YAMAMOTO, Y., 229



SUBJECT INDEX

- Adenosine, 2',3'-acetals of, synthesis, stereochemistry, intramolecular cyclization, and rates of hydrolysis of, 124
- 2-(D-*allo*- and D-*altro*-pentitol-1-yl) pyridines and their 2',5'-anhydro derivatives, synthesis of, 240
- 2-Amino-2-deoxy- α -D-glucopyranosyl α -D-mannopyranoside, synthesis of two pseudo-sugar analogues of, 116
- Ammonolysis of penta-*O*-benzoyl- α -D-glucopyranose in an aprotic medium, characterization of the products isolated and conformational analysis of eleven *N*-benzoyl-D-glucofuranosylamine derivatives, 71
- Amylose-lipid interaction, effect of cyclomaltoheptaose on, wheat during wheat-starch pasting, 215
- Anti-complementary acidic heteroglycan from the leaves of *Artemisia princeps*, further structural studies of an, 181
- Artemisia princeps*, further structural studies of an anti-complementary acidic heteroglycan from the leaves of, 181
- Assignment of the ^1H -n.m.r. spectra of heparin and heparan sulphate, 151
- Assignments of the ^1H - and ^{13}C -n.m.r. spectra of tobramycin at low and high pH, 1
- Binding studies using isolated rat hepatocytes, synthesis of D-galactosamine derivatives, 27
- Carbohydrates, interference by flavonoids in the phenol-sulfuric acid analysis of, 112
- Cellulose, distribution of substituents in *O*-(2-hydroxyethyl)-, 207
- Complexation of copper ions by galacturonic acid and galacturonans, an e.p.r. and potentiometric study of the, 137
- Conformation of 3,4,6-tri-*O*-acetyl-1,2-*O*-isopropylidene- α -D-galactopyranose, the solid state and solution, 100
- Cyclomaltoheptaose, effect of, an amylose-lipid interaction during wheat-starch pasting, 215
- Cyclomalto-oligosaccharides, assignment of ^1H and ^{13}C resonances in the 2D-n.m.r. spectra of *O*-methylated, 229
- Damage in commercial starch preparations, some observations on, 263
- Distribution of substituents in *O*-(2-hydroxyethyl)cellulose, 207
- Effect of cyclomaltoheptaose on amylose-lipid interaction during wheat-starch pasting, 215
- 6'-Epifortimicin A, synthesis of, 47
- E.p.r. and potentiometric studies of the complexation of copper ions by galacturonic acid and galacturonans, 137
- Escherichia coli* serotype K9, the structure of the neuraminic acid-containing capsular polysaccharide of, 193
- Fortimicin A, 7'-(3-hydroxypropyl)-, synthesis of, 47
- D-Fructopyranose and L-sorbofuranose, selective sulphonylation of *O*-isopropylidene derivatives of, 255
- D-Galactosamine derivatives and binding studies using isolated rat hepatocytes, synthesis of, 27
- Galacturonans, an e.p.r. and potentiometric study of the complexation of copper ions by galacturonic acid and, 137
- α -D-Glucans, partial hydrolysis of, with acid in the presence of 1,1,3,3-tetramethylurea, 269
- D-Glucofuranosylamine, *N*-benzoyl-, conformational analysis of eleven derivations of, 71
- D-Glucopyranose, 2-acetamido-2-deoxy-, conformational analysis of, 106
- α -D-Glucopyranose, penta-*O*-benzoyl-, ammonolysis of, in an aprotic medium, 71
- D-Glucopyranose, (6*S*)-(6- $^2\text{H}_1$)-2-acetamido-2-deoxy-, ^1H -n.m.r. study on, 106
- Glycosyl xanthates from reducing sugar derivatives, synthesis of, under phase-transfer conditions, 235
- Heparin and heparan sulphate, assignment of the ^1H -n.m.r. spectra of, 151
- Heterogeneous, catalytic, transfer hydrogenolysis of tri-*O*-benzyl derivatives of 1,6-anhydro- β -D-hexopyranoses, 249
- Heteroglycan from the leaves of *Artemisia princeps*, further structural studies of an anti-complementary acidic, 181
- D-Hexopyranosides, methyl 2-acetamido-2-deoxy-, ^1H - and ^{13}C -n.m.r. spectra of, in the presence of lanthanide ions, 19
- 2-Hexuloses: selective sulphonylation of *O*-isopropylidene derivatives of D-fructopyranose and L-sorbofuranose, 255
- ^1H -N.m.r. study on (6*S*)-(6- $^2\text{H}_1$)-2-acetamido-2-deoxy-D-glucopyranose, and conformational

- analysis of 2-acetamido-2-deoxy-D-glucopyranose, 106
- Hydrogenolysis of tri-*O*-benzyl derivatives of 1,6-anhydro- β -D-hexopyranoses, the heterogeneous, catalytic transfer, 249
- Hydrolysis, partial, of α -D-glucans, with acid in the presence of 1,1,3,3-tetramethylurea, 269
- O*-(2-Hydroxyethyl)cellulose, distribution of substituents in, 207
- Interference by flavonoids in the phenol-sulfuric acid analysis of carbohydrates, 112
- KDO, structural analysis of two 2-deoxy analogues of α - and β -KDO and the methyl α - and β -glycosides of, and determination of their metal-ion-binding properties, 167
- Metal-binding properties of two 2-deoxy analogues of α - and β -KDO and the methyl α - and β -glycosides of KDO, 167
- Methyl α - and β -D-aldohexopyranosides, studies of the selective silylation of, 57
- O*-Methylated cyclomalto-oligosaccharides, assignment of ^1H and ^{13}C resonances in the 2D-n.m.r. spectra of, 229
- Neuraminic acid-containing capsular polysaccharide of *Escherichia coli* serotype K9, the structure of the, 193
- N.m.r. spectra (^1H - and ^{13}C -) of methyl 2-acetamido-2-deoxy-D-hexopyranosides in the presence of lanthanide ions, 19
- N.m.r. spectra of heparin and heparan sulphate, assignment of the ^1H -, 151
- 2D-N.m.r. spectra of *O*-methylated cyclomalto-oligosaccharides: assignment of ^1H - and ^{13}C resonances and conformational analysis, 229
- N.m.r. spectra of tobramycin at low and high pH, assignments of the ^1H - and ^{13}C -, 1
- Observations on damage in commercial starch preparations, 263
- Partial hydrolysis of α -D-glucans with acid in the presence of 1,1,3,3-tetramethylurea, 269
- Pentitol-1-yl) pyridines and their 2',5'-anhydro derivatives, synthesis of 2-(D-*allo*- and D-*altro*-, 240
- Polysaccharide of *Escherichia coli* serotype K9, the structure of the neuraminic acid-containing capsular, 193
- Pseudo-sugar analogues of 2-amino-2-deoxy- α -D-glucopyranosyl α -D-mannopyranoside, synthesis of two, 116
- Selective silylation of methyl α - and β -D-aldo-hexopyranosides, studies of the, 57
- Solid state and solution conformation of 3,4,6-tri-*O*-acetyl-1,2-*O*-isopropylidene- α -D-galactopyranose, 100
- Starch preparations, some observations on damage in commercial, 263
- Structural analysis of two 2-deoxy analogues of α - and β -KDO and the methyl α - and β -glycosides of KDO, and determination of their metal-ion-binding properties, 167
- Studies of the selective silylation of methyl α - and β -D-aldohexopyranosides and stability of the partially protected derivatives in polar solvents, 57
- Sulphonylation of *O*-isopropylidene derivatives of D-fructopyranose and L-sorbofuranose, selective, 255
- Synthesis of 2-(D-*allo*- and D-*altro*-pentitol-1-yl) pyridines and their 2',5'-anhydro derivatives, 240
- Synthesis of D-galactosamine derivations and binding studies using isolated rat hepatocytes, 27
- Synthesis of glycosyl xanthates from reducing sugar derivatives under phase-transfer conditions, 235
- Synthesis of 7'-(3-hydroxypropyl)fortimicin A and 6'-epifortimicin A, 47
- Synthesis of two pseudo-sugar analogues of 2-amino-2-deoxy- α -D-glucopyranosyl α -D-mannopyranoside, 116
- Synthesis, stereochemistry, intramolecular cyclization, and rates of hydrolysis of adenosine 2',3'-acetals, 124
- Tobramycin, assignments of the ^1H - and ^{13}C -n.m.r. spectra of, at low and high pH, 1
- Transfer hydrogenolysis of tri-*O*-benzyl derivatives of 1,6-anhydro- β -D-hexopyranoses, the heterogeneous catalytic, 249
- 3,4,6-Tri-*O*-acetyl-1,2-*O*-isopropylidene- α -D-galactopyranose, the solid state and solution conformation of, 100
- Xanthates, synthesis from reducing sugar derivatives of glycosyl, under phase-transfer conditions, 235

